

## DATA CATALOG

Each GIS data file is listed with a brief description, small image, metadata files, and downloadable file. The data were compiled in ArcMap (version 10 ESRI, 2011). Raster data layers are registered TIFF images and are in the UTM Zone 11 coordinate system with datum WGS84. Point, line and polygon features are in shapefile format, and are projected in UTM Zone 11 coordinates with horizontal datum WGS84. We recommend you create a single new folder within which to unzip the files you want to use.

The downloadable files have been compressed with the "zip" command and can be unzipped with Winzip, (or other tool) on Windows systems. The .zip file for a TIFF image includes the image (.tif), the world registration file (.tfw), and the text (.txt) metadata. The .zip for a shapefile includes a .aux, .dbf, .shp, .shx, .sbx, and .sbn file, and the metadata .txt file.

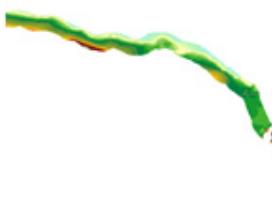
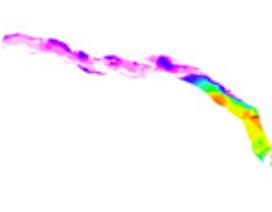
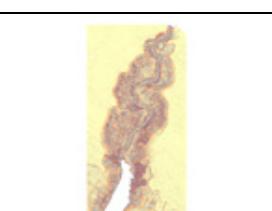
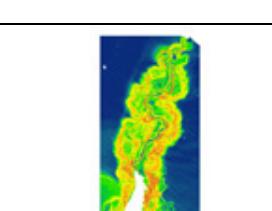
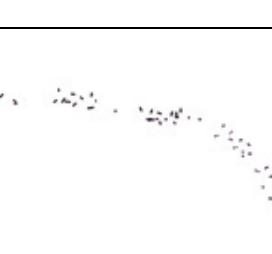
### ArcGIS Project File

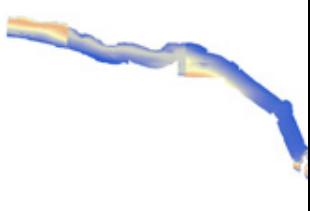
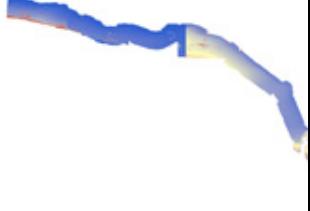
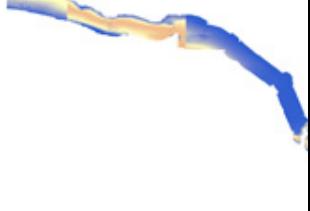
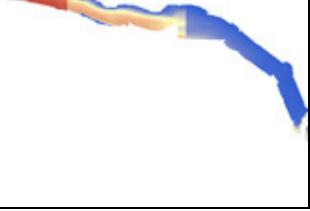
[HuenemeCanyonGIS.mxd.zip](#) (0.1 MB) is a compressed (with the "zip" command) version of the ArcMap document (.mxd) that has all data layers loaded in the table of contents and symbolized as in the SIM sheets. Download and save this ArcGIS Project file, including all data layers, to the directory you created for this GIS.

### GIS data files

Theme Description	View	File Format	Metadata	File Compressed	File Size
Bathymetry (2m/pixel), Hueneme Canyon and Vicinity		TIFF 32 bit integer	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">Bathy_HuenemeCanyon.zip</a>	123 MB
Bathymetry Hillshade (2m/pixel), Hueneme Canyon and Vicinity		TIFF 8 bit integer	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">BathyHS_HuenemeCanyon.zip</a>	22 MB
Contours, Hueneme Canyon and Vicinity		ESRI Shapefile (line)	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">Contours_HuenemeCanyon.zip</a>	1.1 MB
Backscatter (2m/pixel), collected by CSUMB, reprocessed by USGS, Hueneme Canyon and Vicinity		TIFF 8 bit integer	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">BackA_HuenemeCanyon.zip</a>	33 MB
Backscatter (2m/pixel), collected and processed by USGS, Hueneme Canyon and Vicinity		TIFF 8 bit integer	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">BackB_HuenemeCanyon.zip</a>	0.7 MB

Offshore-Onshore Geology and Geomorphology, Hueneme Canyon and Vicinity		ESRI Shapefile (polygon)	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">Geology_HuenemeCanyon.zip</a>	0.3 MB
Faults, Hueneme Canyon and Vicinity		ESRI Shapefile (line)	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">Faults_HuenemeCanyon.zip</a>	0.1 MB
Folds, Hueneme Canyon and Vicinity		ESRI Shapefile (line)	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">Folds_HuenemeCanyon.zip</a>	0.1 MB
Paleoshorelines, Hueneme Canyon and Vicinity		ESRI Shapefile (line)	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">Paleoshorelines_HuenemeCanyon.zip</a>	0.1 MB
Submarine Landslide Scars, Hueneme Canyon and Vicinity		ESRI Shapefile (line)	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">SubmarineLandslideScars_HuenemeCanyon.zip</a>	0.1 MB
Habitat, Hueneme Canyon and Vicinity		ESRI Shapefile (polygon)	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">Habitat_HuenemeCanyon.zip</a>	0.5 MB
Seafloor Character (2m/pixel), Hueneme Canyon and Vicinity		TIFF 32 bit integer	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">SFC_HuenemeCanyon.zip</a>	1.4 MB

Depth to Transition (2m/pixel), Santa Barbara Channel		TIFF 32 bit Float	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">DepthToTransition_SBC.zip</a>	1.5 MB
Transgressive Contours, Santa Barbara Channel		ESRI Shapefile (line)	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">TransgressiveContours_SBC.zip</a>	0.7 MB
Sediment Thickness (2m/pixel), Santa Barbara Channel		TIFF 32 bit Float	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">SedimentThickness_SBC.zip</a>	1.5 MB
Isopachs, Santa Barbara Channel		ESRI Shapefile (line)	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">Isopachs_SBC.zip</a>	0.7 MB
Curvature (2m/pixel), Hueneme Canyon (canyon only)		TIFF 32 bit Float	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">Curvature_HuenemeCanyon.zip</a>	27 MB
Slope (2m/pixel), Hueneme Canyon (canyon only)		TIFF 32 bit Float	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">Slope_HuenemeCanyon.zip</a>	44 MB
Visual observations of benthic habitat from video USGS Cruise S1C08SC		ESRI Shapefile (points)	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">s1c08sc_video_observations.zip</a>	0.2 MB

Visual observations of benthic habitat from video USGS Cruise Z107SC		ESRI Shapefile (points)	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">z107sc_video_observations.zip</a>	0.1 MB
Predicted Distribution of Brittle Stars, Santa Barbara Channel		TIFF 32 bit Float	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">BrittleStarsSBC_10m.zip</a>	29 MB
Predicted Distribution of Cup Corals, Santa Barbara Channel		TIFF 32 bit Float	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">CupCoral_SBC_10m.zip</a>	29 MB
Predicted Distribution of Hydroids, Santa Barbara Channel		TIFF 32 bit Float	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">Hydroids_SBC_10m.zip</a>	28 MB
Predicted Distribution of Short Sea Pens, Santa Barbara Channel		TIFF 32 bit Float	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">ShortSeaPens_SBC_10m.zip</a>	29 MB
Predicted Distribution of Tall Sea Pens, Santa Barbara Channel		TIFF 32 bit Float	<a href="#">txt</a> , <a href="#">xml</a> , <a href="#">html</a> , <a href="#">faq</a>	<a href="#">TallSeaPens_SBC_10m.zip</a>	28 MB